

Upcoming NPDES permits for Lower Columbia River, Lower Snake River, and Grand Coulee Dams



Jenny Wu, EPA Region 10
Discussion with Tribes and Tribal Organizations

September 19, 2018

Hood River



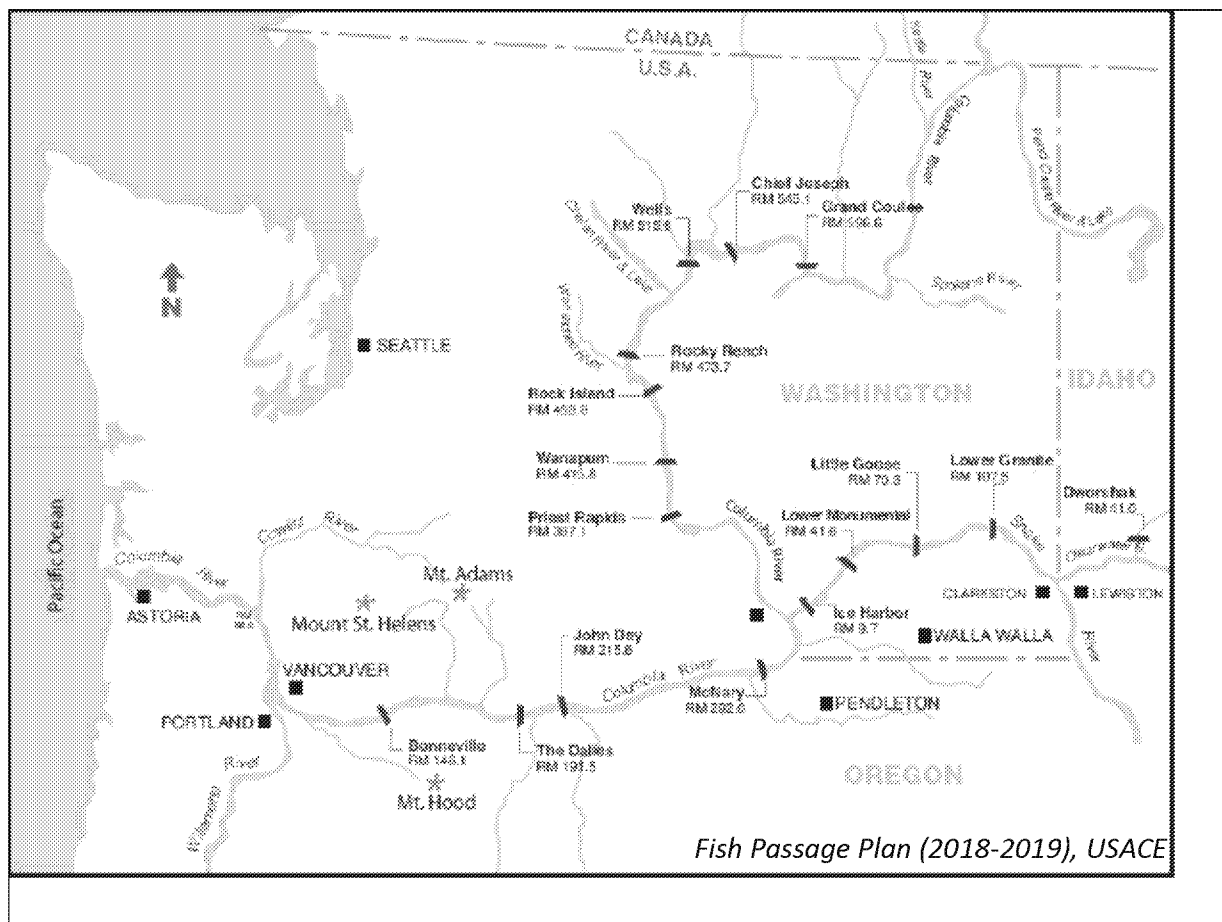
What We're Covering Today

NPDES Permits Scope

Permit Requirements,
Limits, and Monitoring
Under Consideration

Timeline and Actions

White Salmon River



A black and white photograph of a river with rapids and a rocky bank. The river flows from the upper left towards the center, with white water indicating rapids. The right bank is composed of large, dark rocks. The background shows a steep, rocky hillside.

Permit Development History

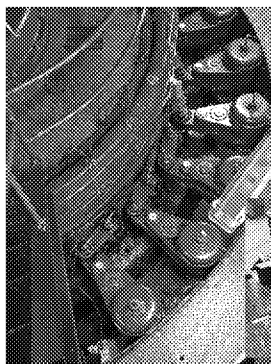
**Applications submitted in
2009, 2015 and 2017**

**EPA's Draft General
Permit for ID
Hydroelectric Generating
Facilities**

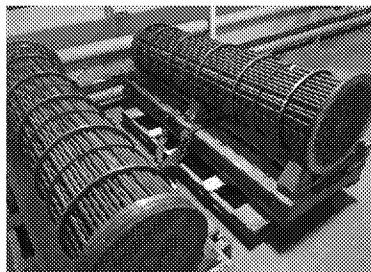
**EPA Initiative to Issue
New Permits**

Little White Salmon River

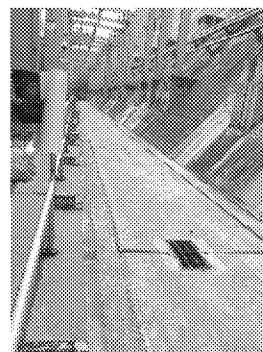
What is covered under the permit?



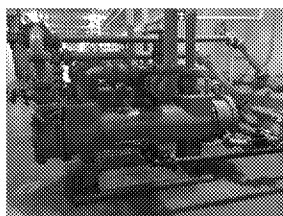
Wicket gates, in-line equipment, lubricated wires



Cooling Water Discharges and Backwash Strainers



Drains, Sumps



Cooling Water Intake Structures

What is not Covered Under the Proposed Permits?



- *Water Behind the Dam
- *Water Being Spilled
- *Water Used Only for Hydroelectric Generating Purposes
- *Water Used Only for Navigation

Klickitat River

How are pollutants/operations addressed?

Drains and
Sumps – *BMPs, oil
and grease/pH
numeric limits;
continuous temp
monitoring*

Cooling Water – *oil
and grease/pH
numeric limits;
continuous temp
monitoring*

Backwash Strainers
- *BMPs*

Wicket Gates, In-
line equipment,
Lubricated Wire
ropes – *BMPs,
EALs, no toxics
discharges*

Cooling Water Intake
Structures –
*Technologies that
comply with BiOp and
Fish Passage Plans*

Wind River



Other Permit Provisions

- No toxics discharges
- No visible oil sheen
- No floating or deleterious substances
- BMP Plan and Annual Updates
 - Prevention, minimization, tracking, reporting of oil and grease
- Environmentally Acceptable Lubricants (EALs) Annual Report
- 316(b) Annual Report

Wind River



Next Steps and Timeline

- In development and subject to change
- Request for 401 certification to Ecology
- 401(a)(2) letters to ODEQ and Tribes
- Public Comment Draft – early to mid-October

White Salmon River



Next Steps and Timelines (continued)

- Ongoing tribal coordination and consultation, if requested
- ESA consultation
- Issuance Date Goal: End of November or Beginning of December

White Salmon River

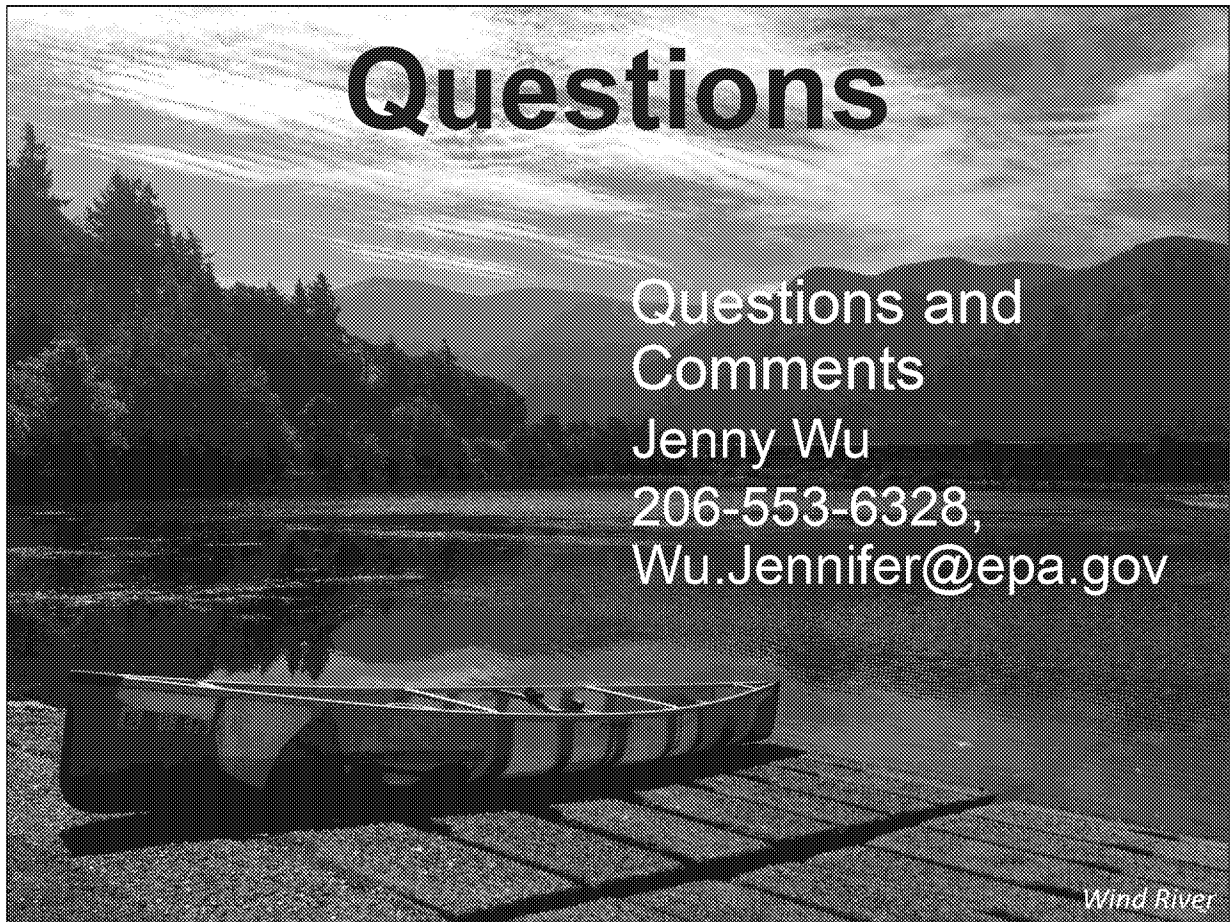
Questions

Questions and
Comments

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Wind River